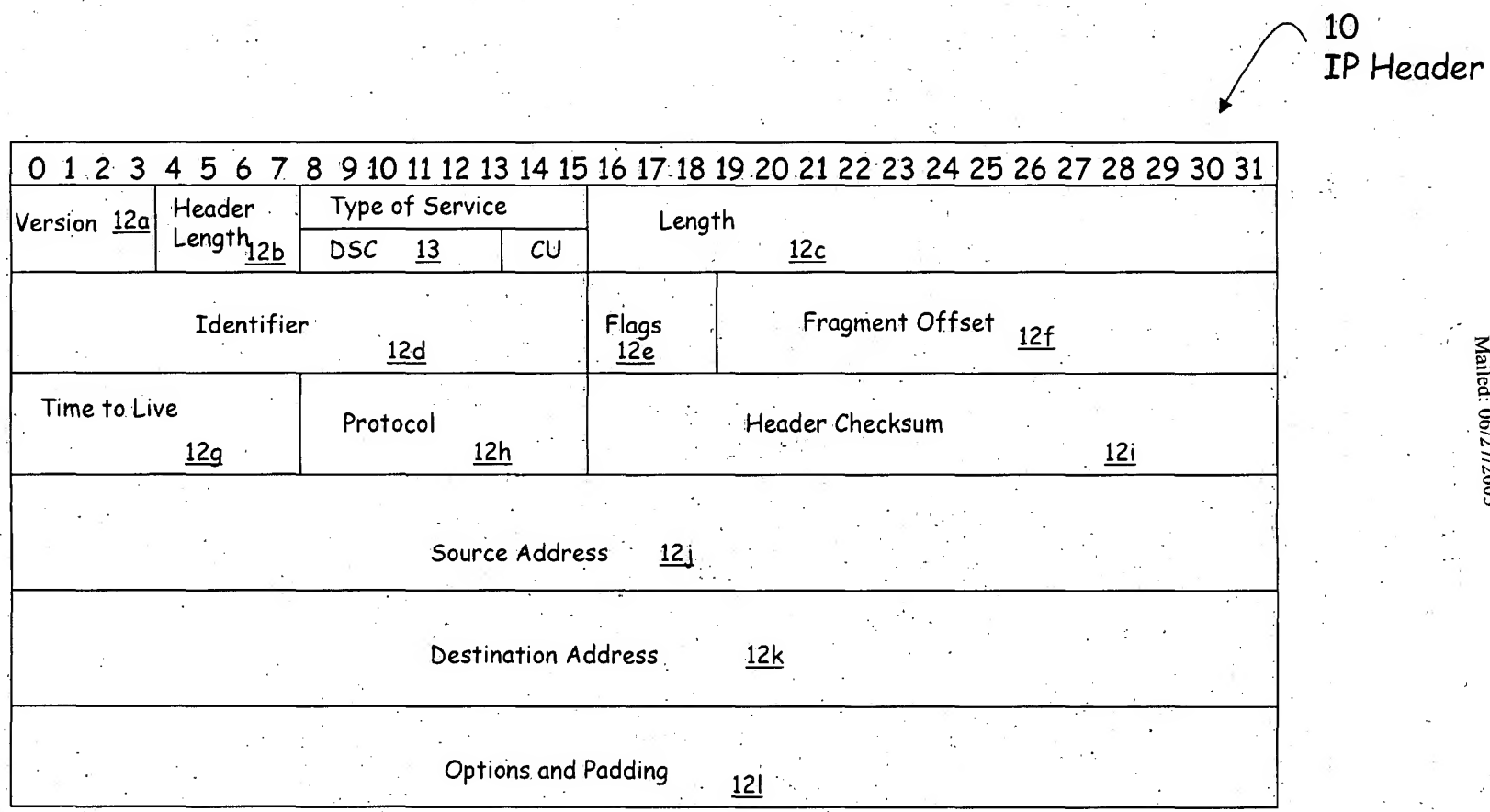

Figure 1

Express Mail: EV329723799US
Xiang
Method and Apparatus for Maintaining...
Attorney Docket: 120-038
Mailed: 06/27/2003

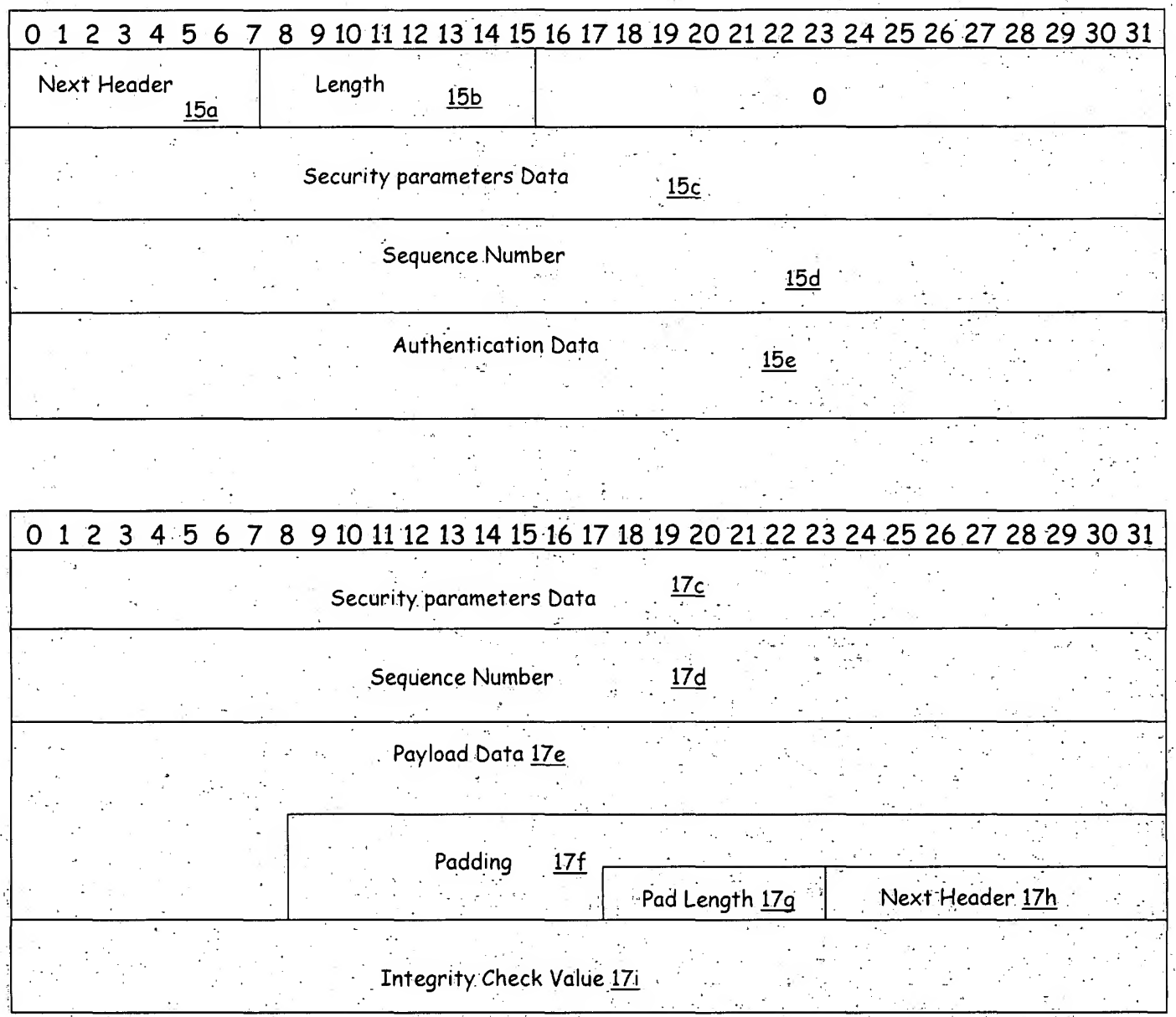

Figure 2

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Xiang
Method and Apparatus for Maintaining...
Attorney Docket: 120-038
Mailed: 06/27/2003

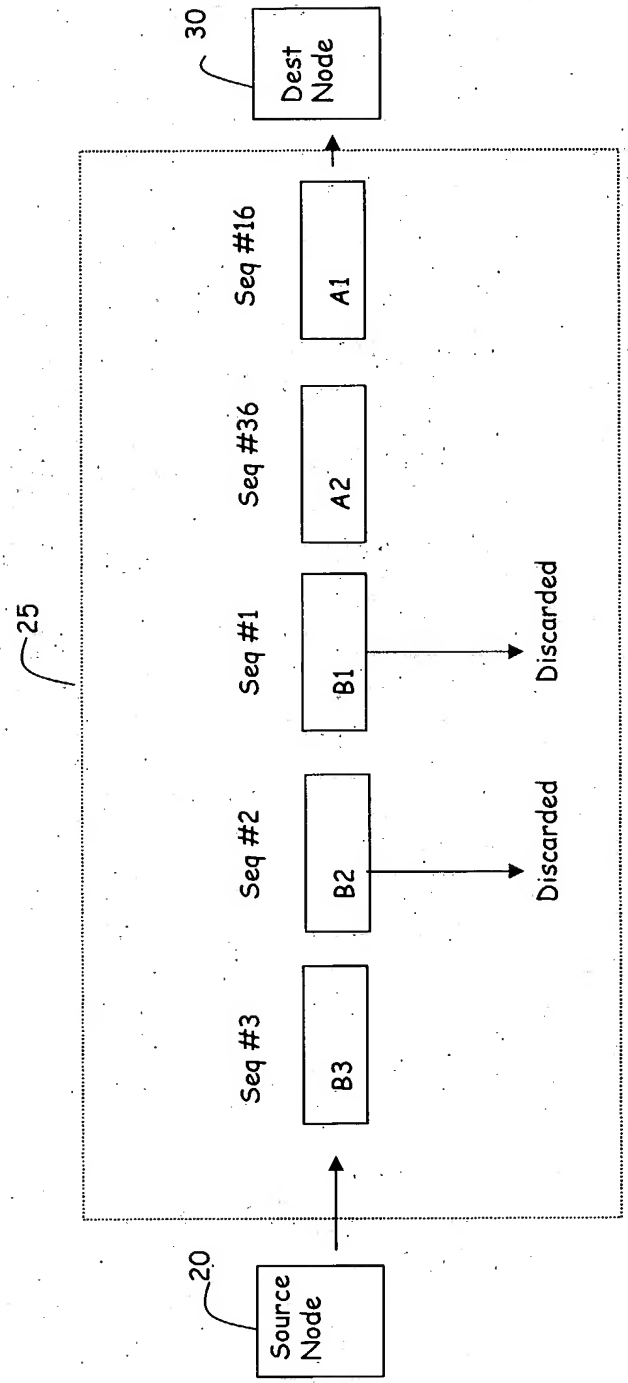

Figure 3

Prior Art

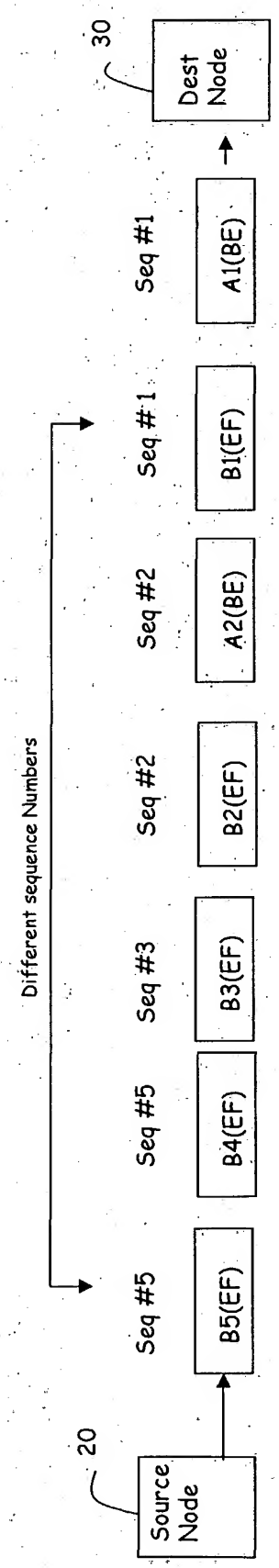
20
Source Node
Seq #5
B5(EF)
Seq #5
B4(EF)
Seq #3
B3(EF)
Seq #2
B2(EF)
Seq #2
A2(BE)
Seq # 1
B1(EF)
Seq #1
A1(BE)
30
Dest Node
Different sequence Numbers

Figure 4

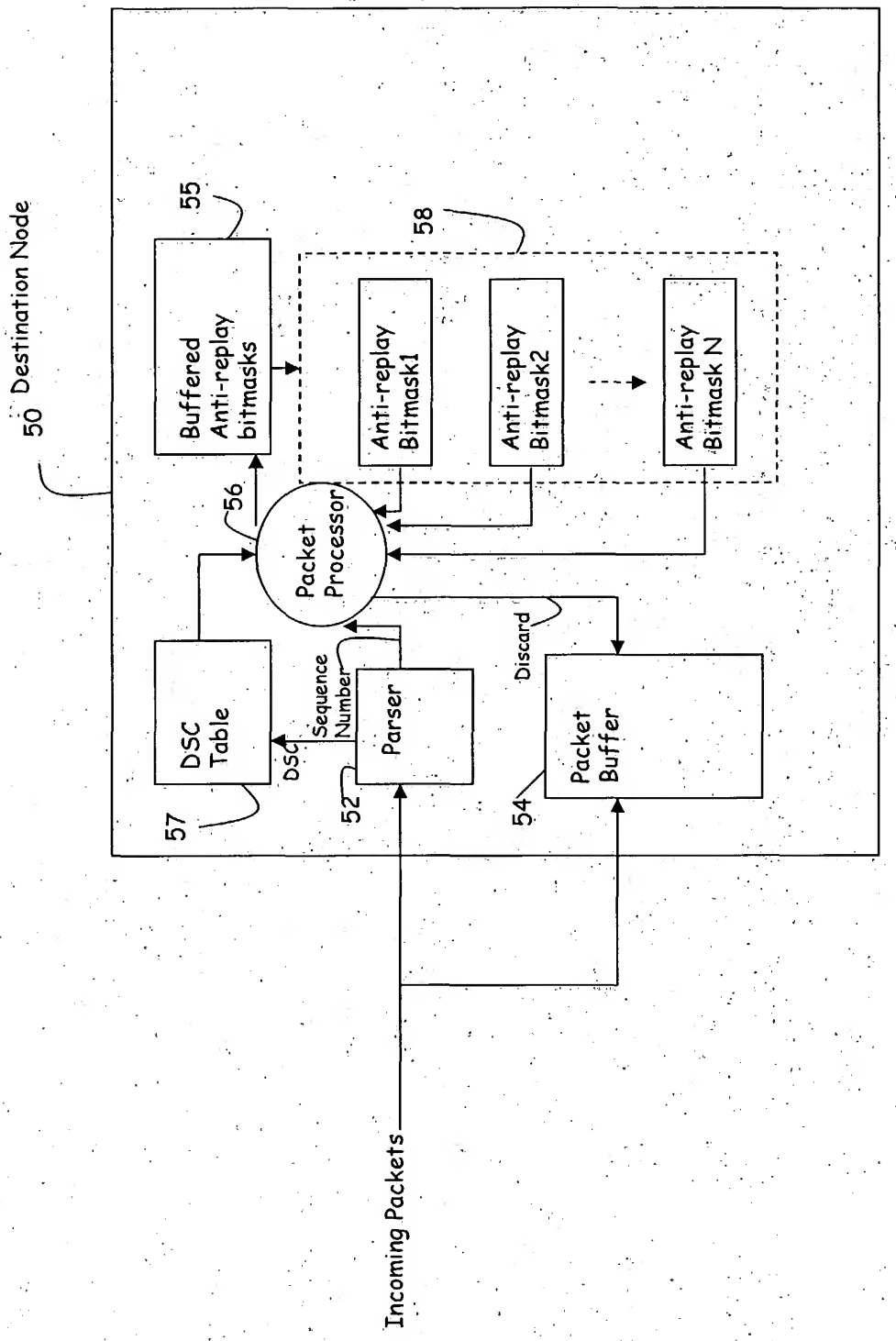
50 Destination Node
55
Buffered Anti-replay bitmasks
58
Anti-replay Bitmask1
Anti-replay Bitmask2
Anti-replay Bitmask N
56
Packet Processor
DSC Table
57
DSC
Sequence Number
Parser
52
Discard
Packet Buffer
54
Incoming Packets

Figure 5

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Method and Apparatus for Maintaining...
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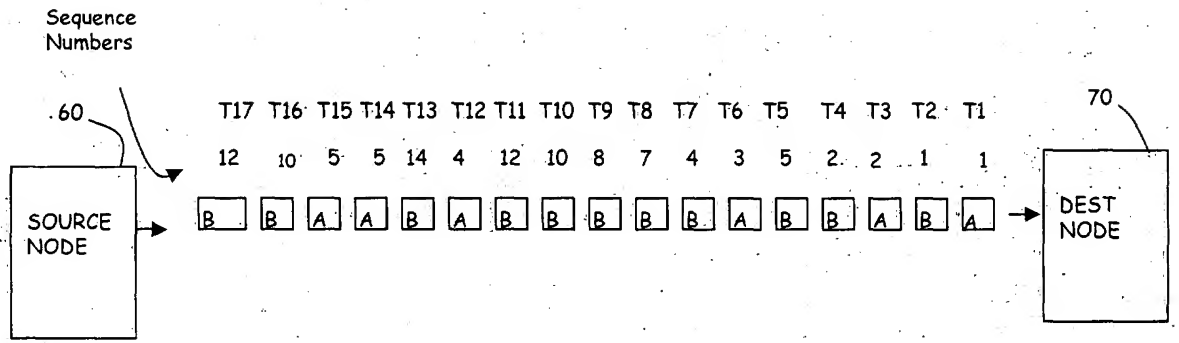

Table I

Stream A Bitmask

Sequence Numbers	
T15	5
T14	5
T13	0
T12	4
T11	0
T10	0
T9	0
T8	0
T7	0
T6	3
T5	0
T4	0
T3	2
T2	0
T1	1

T16 Stream A Bitmask
11111

Table II

Stream B Bitmask

Sequence Numbers	
T15	0
T14	0
T13	9
T12	0
T11	10
T10	6
T9	8
T8	5
T7	4
T6	0
T5	5
T4	2
T3	0
T2	1
T1	0

T16 Stream A Bitmask
101011011011

Figure 6